

Appl. No. 10/606,319
Amendment Dated 10/13/2006

Attorney Docket No.: DN 97-014 D1

Listing of Claims:

1. (previously presented) A method of producing a polyolefin film comprising the steps of:
surface treating an inorganic mineral selected from the group consisting of talc, calcium carbonate, precipitated calcium carbonate, clay, and silica, with from about 0.1 percent to about 10 percent by weight of a silane to produce an antiblock agent;
adding from about 0.1 percent to about 1.0 percent by weight of the antiblock agent to a mixture comprising a polyolefin resin; and
extruding the mixture to form a polyolefin film.
2. (canceled)
3. (previously presented) The method of claim 1 wherein the inorganic mineral is talc.
4. (canceled)
5. (canceled)
6. (previously presented) The method of claim 1 wherein the silane is selected from the group consisting of octyltriethoxysilane, triamino functional silane, and Bis-(gamma-trimethoxysilylpropyl) amine.
7. (previously presented) The method of claim 6 wherein the silane is Bis-(gamma-trimethoxysilylpropyl) amine.
8. (canceled)
9. (previously presented) The method of claim 6 wherein the silane has a structural formula of SiR₄, where R is a functionalized alkyl group or functionalized alkoxy group.

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10-12. (canceled)

13. (currently amended) The method of claim 3 wherein the talc is surface treated with from about 0.1 percent to about 2.0 percent, based on weight of inorganic mineral the talc, of the silane.

14-29. (canceled)

30. (currently amended) A composition comprising:

a polyolefin resin; and

from about 0.1 percent to about 1.0 percent by weight of an antistatic agent, wherein the antistatic agent comprising an inorganic mineral selected from the group consisting of talc, calcium carbonate, precipitated calcium carbonate, clay, and silica, the inorganic mineral being surface treated with from about 0.1 percent to about 10 percent, based on the weight of the inorganic mineral, of a silane.